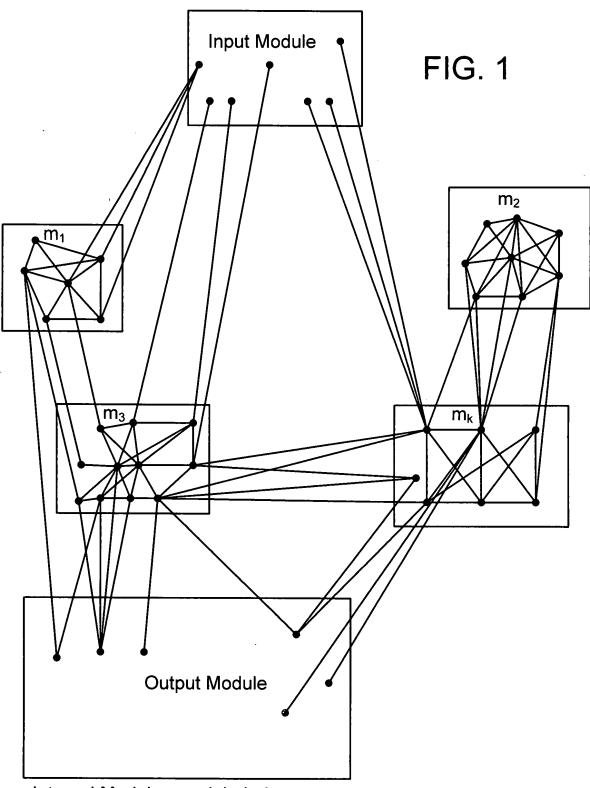


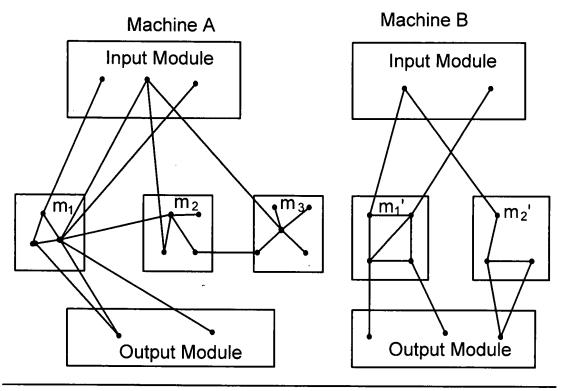
Machine Structure used in Cyclic Graph Evolution



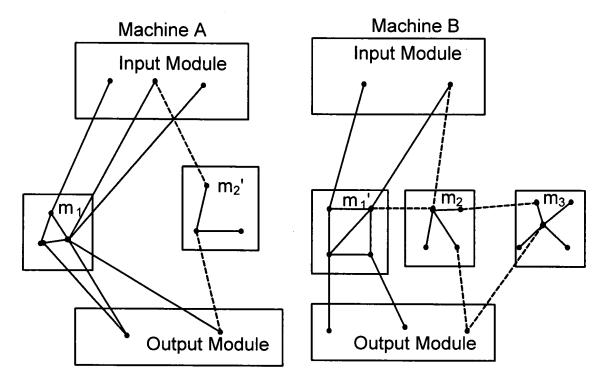
Internal Modules are labeled: $m_1,\ m_2,\ m_3,\dots$

 $m_{\boldsymbol{k}}$

FIG. 2 CGE Crossover
Before Crossover

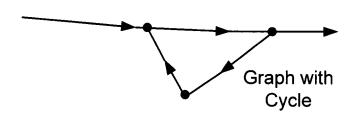


After Crossover



New External Connections

FIG. 3



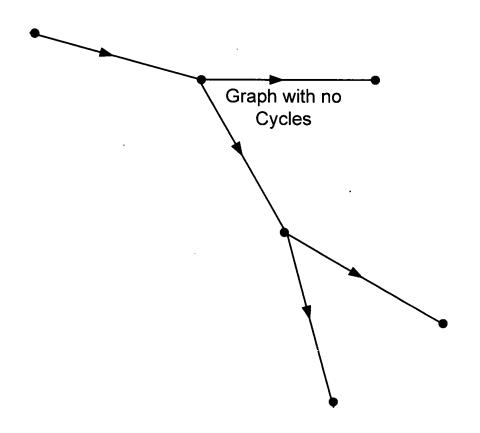


FIG. 4

Error Tolerance in Effectors

